

Title (en)
COMPRESSOR SYSTEM FOR SUPPLYING COMPRESSED AIR TO A UTILITY VEHICLE, AND METHOD FOR THE OPERATION OF A COMPRESSOR SYSTEM

Title (de)
KOMPRESSORSYSTEM ZUR DRUCKLUFTVERSORGUNG EINES NUTZFAHRZEUGS UND VERFAHREN ZUM BETREIBEN EINES KOMPRESSORSYSTEMS

Title (fr)
SYSTÈME DE COMPRESSEUR SERVANT À L'ALIMENTATION EN AIR COMPRIMÉ D'UN VÉHICULE UTILITAIRE, ET PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN SYSTÈME DE COMPRESSEUR

Publication
EP 2300711 A1 20110330 (DE)

Application
EP 09757291 A 20090604

Priority
• EP 2009003995 W 20090604
• DE 102008026684 A 20080604

Abstract (en)
[origin: WO2009146908A1] The invention relates to a compressor system (10) for supplying compressed air to a utility vehicle (20). Said compressor system (10) comprises a compressor (12), a clutch (22), and a hydraulic pump (14) and can be driven by means of a drive train (16). The compressor (12) can be completely disconnected from a driving engine (18) by means of the clutch (22). According to the invention, the drive train (16) encompasses a geared drive mechanism (30) which allows the hydraulic pump (14) to be driven, and the clutch (22) is arranged between the geared drive mechanism (30) and the compressor (12). The invention further relates to a method for operating a compressor system (10).

IPC 8 full level
F04B 17/05 (2006.01); **F04B 23/04** (2006.01); **F04B 23/10** (2006.01); **F04B 35/00** (2006.01); **F04B 35/01** (2006.01); **F04B 41/06** (2006.01)

CPC (source: EP US)
F04B 17/05 (2013.01 - EP US); **F04B 23/04** (2013.01 - EP US); **F04B 23/10** (2013.01 - EP US); **F04B 35/002** (2013.01 - EP US); **F04B 35/01** (2013.01 - EP US); **F04B 41/06** (2013.01 - EP US)

Citation (search report)
See references of WO 2009146908A1

Cited by
DE102017120754A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2009146908 A1 20091210; BR PI0912304 A2 20151013; BR PI0912304 B1 20191119; CA 2723203 A1 20091210; CA 2723203 C 20161011; CN 101952589 A 20110119; CN 101952589 B 20160120; DE 102009023869 A1 20091217; EP 2300711 A1 20110330; EP 2300711 B1 20160113; JP 2011522163 A 20110728; JP 5523449 B2 20140618; US 2011135510 A1 20110609; US 8496450 B2 20130730

DOCDB simple family (application)
EP 2009003995 W 20090604; BR PI0912304 A 20090604; CA 2723203 A 20090604; CN 200980106212 A 20090604; DE 102009023869 A 20090604; EP 09757291 A 20090604; JP 2011512020 A 20090604; US 95944410 A 20101203